

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1 1. (Currently amended): A computer system with a plurality of database
2 management systems comprising:
3 a disk storage system ~~that stores~~configured to store a plurality of heterogeneous
4 databases;
5 a module ~~that combines~~configured to combine said heterogeneous databases, said
6 module disposed in a server connected to said disk storage system; and
7 a network ~~that interconnects~~configured to interconnect said disk storage system
8 and said server, wherein said module ~~that combines~~ databases, responsive to receiving user-
9 requested specifications, controls data transfer bandwidth for reflecting update data from one of
10 said heterogeneous databases in said disk storage system to another of said heterogeneous
11 databases; and wherein said disk storage system performs resource allocations for said
12 bandwidth responsive to control from said module ~~that combines~~ databases.

1 2. (Currently amended): A computer system with a plurality of database
2 management systems comprising:
3 a disk storage system ~~that stores~~configured to store a plurality of heterogeneous
4 databases;
5 a module ~~that combines~~configured to combine said heterogeneous databases, said
6 module disposed in a server connected to said disk storage system; and
7 a network ~~that connects~~configured to connect said disk storage system with said
8 server, wherein said module ~~that combines~~ databases, responsive to receiving user-requested
9 specifications relating to a requested refresh rate and a replication data volume, determines a
10 required bandwidth and resources therefor in order to satisfy said user-requested specifications,
11 and wherein said module ~~that combines~~ databases controls resources of said disk storage system;

12 and wherein said disk storage system performs resource allocations for said bandwidth based on
13 control from said module ~~that combines databases~~.

3 & 4. (Canceled)

1 5. (Previously presented): In a computer system comprising a first server
2 and a second server, interconnected by a network to a disk storage subsystem, a method for
3 replicating comprising:
4 allocating resources to perform a copy within a disk storage subsystem, said disk
5 storage subsystem comprising a first database and a second database different from said first
6 database, said first database associated with a first server, said second database associated with a
7 second server; and
8 replicating content from said first database to said second database; wherein said
9 replicating is performed using said resources in said disk subsystem substantially independently
10 of sending said content over said network.

1 6. (Original): The method of claim 5 wherein said first database is of a first
2 format and said second database is of a second format, said replicating content from said first
3 database to said second database in said disk subsystem further comprising:
4 replicating said content from said first database to an intermediate database, said
5 intermediate database disposed on a shared volume of both said first format and said second
6 format; and
7 replicating said content from said intermediate database to said second database.

1 7. (Original): The method of claim 5 wherein said computer system further
2 comprises a third server, said method further comprising:
3 receiving at said third server at least one of a plurality of requested specifications
4 relating to replication;
5 determining a data transfer capacity according to said specifications;

6 determining at least one of a plurality of data transfer capacity settings according
7 to said data transfer capacity;
8 notifying said disk subsystem of said data transfer capacity settings; and
9 allocating resources in said disk subsystem for data transfer based on said data
10 transfer capacity settings.

1 8. (Previously presented): In a computer system comprising a first server
2 and a second server, interconnected by a network to a disk storage subsystem, a computer
3 program product comprising:
4 code for allocating resources to perform a copy within a disk storage subsystem,
5 said disk storage subsystem comprising a first database and a second database different from said
6 first database, said first database associated with a first server, said second database associated
7 with a second server;
8 code for replicating content from said first database to said second database;
9 wherein said replicating is performed using said resources in said disk subsystem substantially
10 independently of sending said content over said network; and
11 a computer readable storage medium for holding the code.

1 9. (Currently amended): A disk storage subsystem, said disk storage
2 subsystem operable in a computer system comprising a plurality of computers, said plurality of
3 computers interconnected to said disk storage subsystem by at least one of a plurality of
4 information channels, wherein said disk storage subsystem copies content from a first database to
5 a second database ~~that is~~ different from said first database using resources in said disk subsystem
6 substantially independently of sending said content over said information channels; and wherein
7 said disk storage subsystem copies said content in accordance with a resource allocation
8 received from one of said plurality of computers, said resource allocation based upon at least one
9 of a plurality of data transfer capacity settings determined by said one of said plurality of
10 computers in accordance with a data transfer capacity and at least one of a plurality of received
11 specifications.

1 10. (Previously presented): A disk storage subsystem operable in a computer
2 system comprising a first server and a second server, interconnected by a network to said disk
3 storage subsystem, wherein said disk storage subsystem replicates content of a first database
4 associated with said first server to a second database associated with said second server, said first
5 database and said second database disposed in said disk storage subsystem, said first database
6 being different from said second database, wherein said disk storage subsystem allocates
7 resources to perform content replication within said disk storage subsystem; and said disk
8 storage subsystem replicates content from said first database to said second database; wherein
9 said replicating is performed substantially independently of sending said content over said
10 network.

1 11. (Previously presented): A computer system with a plurality of database
2 management systems comprising: a disk storage system storing a plurality of heterogeneous
3 databases; means for combining databases disposed in a server connected to said disk storage
4 system and a network, for receiving user-requested specifications, and for controlling data
5 transfer bandwidth involved in reflecting update data from a database in said disk storage system
6 to another and different database; and said disk storage system performing resource allocations
7 for said bandwidth based on control from said database combining means.

1 12. (Previously presented): A computer system with a plurality of database
2 management systems comprising: a disk storage system storing a plurality of heterogeneous
3 databases; means for combining databases disposed in a server connected to said disk storage
4 system and a network, for receiving user-requested specifications relating to a requested refresh
5 rate and a replication data volume, for determining required bandwidth and resources therefor in
6 order to satisfy said user-requested specifications, and for controlling resources of said disk
7 storage system; and said disk storage system performing resource allocations for said bandwidth
8 based on control from said database combining means.

13 & 14. (Canceled)